

REMARKS

Claims 36, 39, 40 and 44-51 were pending in this application. In an Office Action dated March 31, 2011, claims 36, 39, 40, 44-48, 50 and 51 were rejected, and claims 46, 48 and 49 were objected to.

Claims 36, 40 and 44-48 are amended herein. Claim 49 is canceled without prejudice or disclaimer. New claims 53-63 are added herein.

Based on the above Amendment and the following Remarks, withdrawal of all outstanding objections and rejections is requested.

Objection to Specification is Overcome

In the Office Action, the specification was objected to for including a title of invention that is not descriptive. The title of the invention is amended to “APPARATUS FOR TRIMMING HIGH-RESOLUTION DIGITAL-TO-ANALOG CONVERTER,” as suggested in the Office Action. Hence, this objection is overcome.

Objection to Claims is Overcome

In the Office Action, claims 46 and 48 were objected to for being identical. Claim 46 is hereby amended to recite “A p-channel floating-gate device connected to a digital-to-analog converter” Therefore, claim 46, as amended, is not identical to claim 48. Objection to claims 46 and 48 is overcome.

Rejection under 35 U.S.C. § 112, Second Paragraph, Is Overcome

In the Office Action, claims 36 and 44-48 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 36 and 44-48 are hereby

amended to recite “floating gate increased when a voltage difference between the first source and the first drain is increased” and “a number of electrons removed from the second polysilicon floating gate is increased when voltage at the second drain or the second source is increased.” Therefore, this rejection is overcome in view of amendment.

Claims Are Not Obvious over Mehta

In the Office Action, claims 36, 39-40, 44-48 and 51-52 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,969,992 to Mehta et al. (“Mehta”). This rejection is overcome in view of amendment.

It is indicated in the Office Action that claim 49 is patentable. The features of claim 49 are hereby incorporated into claims 36 and 44-48. Therefore, claims 36 and 44-48 are patentably distinguishable over Mehta.

Claims 39-40 depend from claim 36. Claims 51-52 depend from claim 48. Therefore, these dependent claims are also patentably distinguishable over Mehta.

Based on the above Amendment and the following Remarks, claims 36, 39-40, 44-48 and 51-52 are patentably distinguishable over Mehta. Therefore, withdrawal of this rejection is requested.

New Claims Are Added

Claims 53-63 are newly added. Claims 53-63 depend from claim 36, 44, 45, 46 or 48. Therefore, these claims are also patentably distinguishable over Mehta for the same reasons as claims 36, 44, 45, 46 and 48.

Conclusion

Favorable action is solicited. Further, the Examiner is invited to contact representative at the number provided below if the Examiner believes it will help expedite furtherance of this application.

Respectfully submitted,

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/Dohyun Ahn/
Dohyun Ahn, Reg. No. 63,237
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: 650.335.7291
Fax.: 650.938.5200